

L Number	Hits	Search Text	DB	Time stamp
1	1467	(CD or DVD or disc or disk or medium) same (write adj protect\$4)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/30 20:40
2	80715	369/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/30 20:39
3	349	((CD or DVD or disc or disk or medium) same (write adj protect\$4)) and 369/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/30 20:39
4	52	((CD or DVD or disc or disk or medium) same (write adj protect\$4)) same (projection or protrusion)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/30 20:40
5	13	369/\$.ccls. and (((CD or DVD or disc or disk or medium) same (write adj protect\$4)) same (projection or protrusion))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/06/30 20:40

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ABSTRACT:

PURPOSE: To obtain the titled cartridge with excellent workability by forming the write protector of a disk cartridge symmetrically in a vertical direction.

CONSTITUTION: The disk cartridge 1 is mainly constituted of a plastic-made cartridge case 2, a disk recording medium 3 loaded turnably in the case 2, a shutter 4 fitted freely slidably along the front edge of the case 2, and the write protector contained in the case 2 and operated from the outside of the case 2. The protector 5 is provided with cylindrical discrimination parts 18, 18a inserted freely slidably to the write protector holes 12, 12a, 13, 13a of upper and lower ends of the base 17 formed nearly cylindrically and two elastic pieces 19, 19a are provided in parallel in an orthogonal direction from the circumferential side face of the base 17, lock projections 20, 20a are provided at the outside of the tip of the elastic pieces 19, 19a and operating grooves 21, 21a are provided in a direction orthogonal to the prolonged direction of the elastic pieces 19, 19a at the center of the projections 20, 20a.

d above, this lid member opens the disc inlet/outlet port 14 of the cartridge body 11, and simultaneously the bent portion 31 leaves the position limit projection 32.

(40) When the lid member 10 once opened is rotated in the arrow direction C thereby closing the **disc** inlet/outlet port 14 of the cartridge body 11, the corner portion side of the **write protect** operating portion 30 is brought into contact with the position limit portion 32, and is rotated in the counterclockwise direction by the position limit **projection** 32, in accordance with rotation of the lid member. As a result, the **write protect** operating portion 30 is moved in the arrow direction E, and locked at the **write protect** position. Further, whether or not the lid member 10 is opened from the **disc** inlet/outlet portion 14 is identified on the basis of the position of the **write protect** operating portion 30.

(41) In the rear end portion of the cartridge body 11, as shown in FIGS. 1, 16, and 17, first label adhering portions 25, each having a rectangular concave shape and each recessed from the other portions, are respectively formed in the main surfaces of the upper and lower casings 11a and 11b which are opposite to the optical disc. (For conveniences, FIG. 1 shows only one of the first label adhering portions 25 which is provided in the upper casing.) In